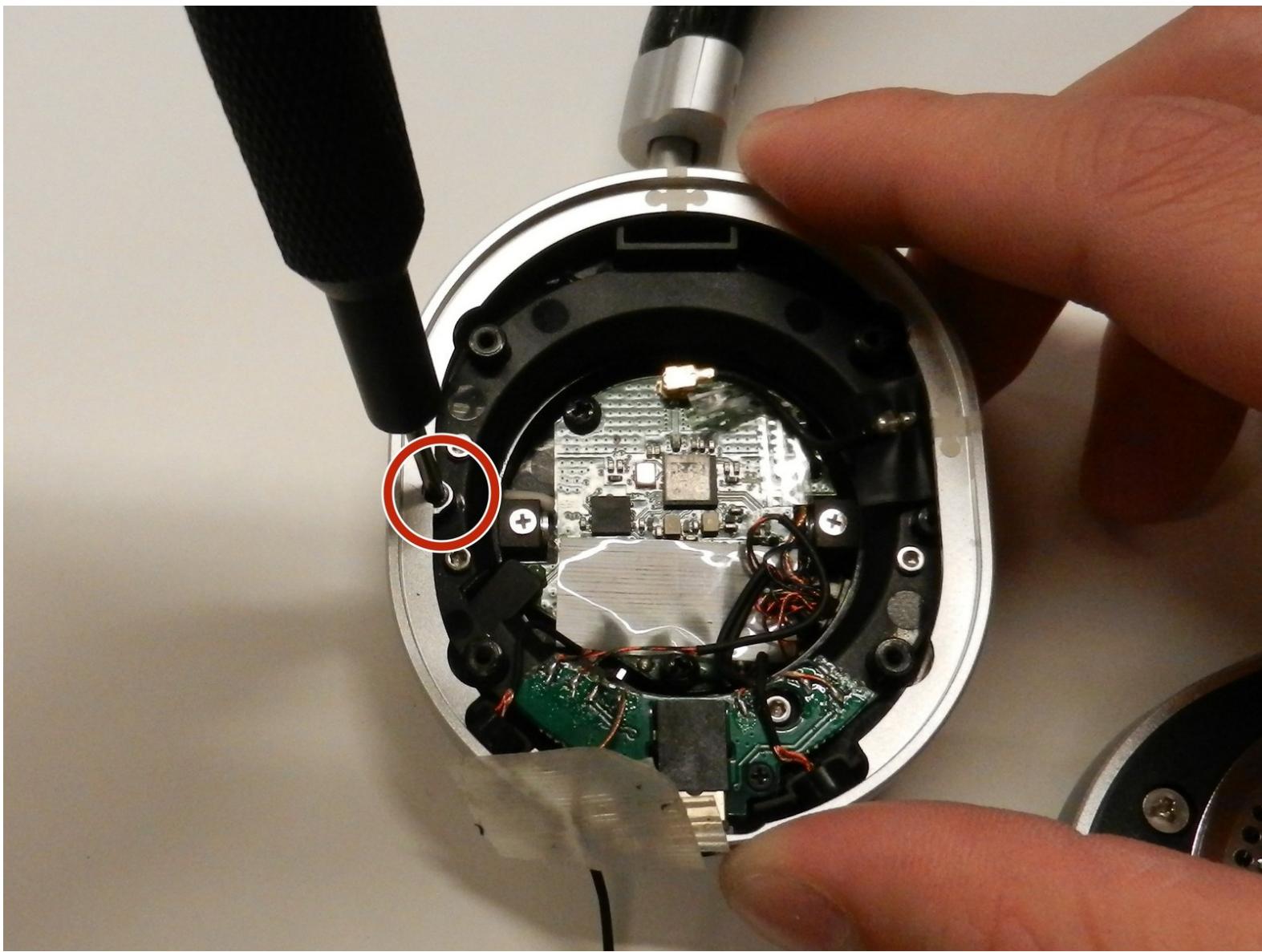




Master and Dynamic MW50 Motherboard Replacement

This is a guide on how to replace the motherboard within the Master and Dynamic MW50 wireless headphones.

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INTRODUCTION

You will want to disassemble the Left side of the headphones. This guide requires soldering, If you don't know how to solder, click [here](#) for a great guide.

TOOLS:

- Desoldering Braid (1)
- Soldering Iron (1)
- Staples (1)
- Y1 Tri-point Screwdriver (1)
- Jimmy (1)
- Solder (1)
- Tweezers (1)
- JIS #00 Screwdriver (1)
- T4 Torx Screwdriver (1)

Step 1 — Master and Dynamic MW50 Disassembly



- Pull the cushion off of the desired side by gripping the top of the headphones and pulling the cushion off.

Step 2



- Remove the four 5mm screws from the earpiece with a Y1 Triwing screwdriver.

Step 3



- Use the Jimmy to lift up the black cover to get inside the device.

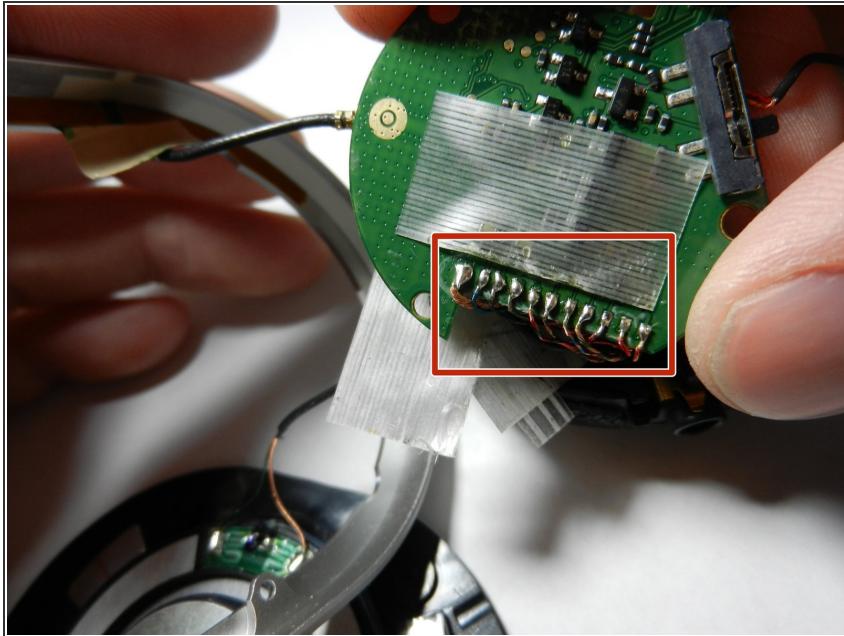
Step 4 — Motherboard



- Remove the 2mm screw holding the side cover plate in place with a JIS #00 screwdriver.
- Move the side cover off to the side.

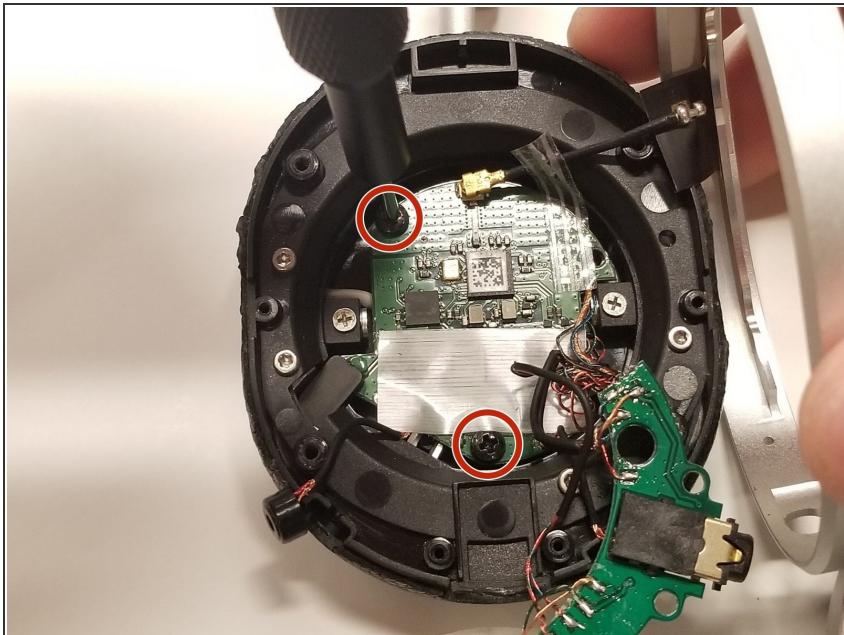
(i) The black cable connected to the motherboard from the side cover can be gently pulled off from the motherboard side. It isn't soldered on.

Step 5



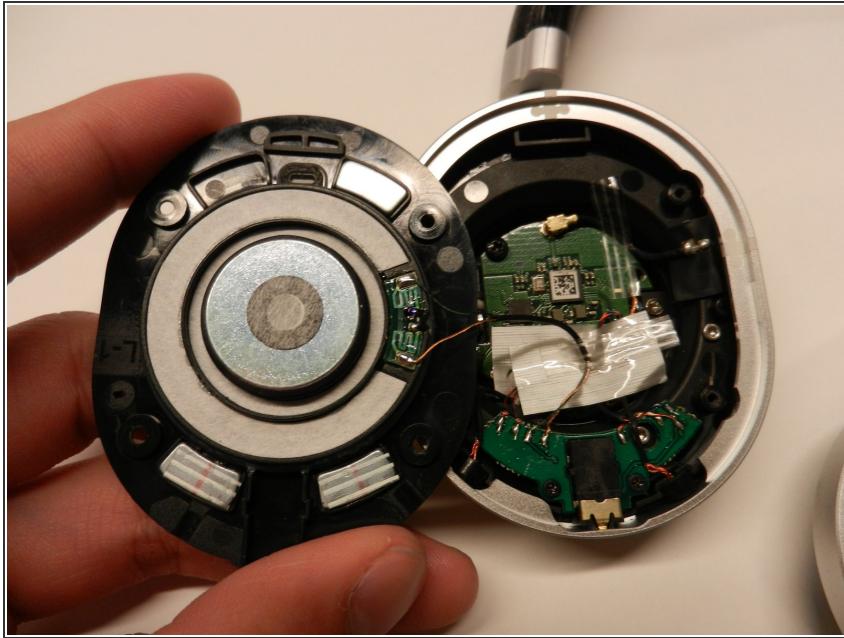
- Desolder all the wires connected to the motherboard.
- Refer to this picture for soldering the wires on the new motherboard.

Step 6



- Remove the two 2mm screws holding the motherboard in place.

Step 7



- Replace with new motherboard.

To reassemble your device, follow these instructions in reverse order. You may want to use the picture from Step 5 to correctly re-solder your device.